

CONSTRUCTION PERMIT

PERMITTEE

Owens - Brockway Glass Container, Inc.
Attn: Patrick Huynh
901 North Shabbona Street
Streator, Illinois 61314

Application No.: 04110056

I.D. No.: 099490AAD

Applicant's Designation:

Date Received: November 22, 2004

Subject: Modification to Surface Treatment Process

Date Issued: ---

Location: 901 North Shabbona Street, Streator.

VAR - modification to the Hot End Surface treatment (HEST) process

- 1a. This permit authorize the Permittee to modify the existing hot end surface treatment (HEST) process to allow use of mono-butyltin trichloride (MBTT) and replace the use of stannic chloride as a coating agent in the preparation of glass containers.
- b. This permit is issued based on the new coating agent MBTT, which will improve process efficiency and eliminate the use of ammonia injection system and associate baghouse.
2. This permit is issued based on the new modified HEST process now being subject to 35 IAC 215.301, which provides that no person shall cause or allow the discharge of more than 8.0 lb/hr of organic material into the atmosphere from any emission unit. If no odor nuisance exists, the limitation shall apply only to photochemically reactive material. Emissions in excess of 8.0 lb/hr are allowable if emissions are controlled by a control device meeting the requirements in 35 IAC 218.301 and 218.302.
- 3a. This permit is issued based on the modification to the HEST process not being subject to the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21, because the emission are less than PSD thresholds (i.e., volatile organic material (VOM) less than 40 tons/year). See Condition 5.
- b. This permit is issued based on the source continuing to be a non-major source for hazardous air pollutants (HAPs), because the source emits less than 10 tons/year of a single HAP and less than 25 tons/year of the combination of all HAPs.
- 4a. The owner or operator shall follow good operating practices for the HEST process, including periodic inspection, routine maintenance, repair of defects and visual emission checks.
- b. Total usage of MBTT in the HEST process shall not exceed 8.76 tons/month and 52.56 tons/year.

- 5a. Total emissions of VOM from the HEST process shall not exceed 5.86 tons/month and 35.20 tons/year.

Note: This limits are based on information provided in the application and continuous operation, 8,760 hr/yr. The above limits are established to address applicability of 40 CFR 52.21, the federal rules for Prevention of Significant Deterioration of Air Quality(PSD). This limits, together with other provisions of this permit, ensure that the modification to the HEST process do not constitute a major source pursuant to PSD.

- b. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total).
6. The Permittee shall keep the following records for the HEST process:
- a. Monthly and annual usage of MBTT(lb/month and tons/year).
- b. Monthly and annual VOM emissions (lb/month and tons/year).
7. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least five years from the date of entry and shall be made available for inspection and copying by the Illinois EPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.
8. If there is an exceedance of the requirements of this permit as determined by the records required by this permit or by other means, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
9. Two copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276
Telephone: 217/782-5811 Facsimile: 217/524-4710

and one copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
5415 North University

Peoria, Illinois 61614

Telephone: 309/693-5461 Facsimile: 309/693-5467

9. The Permittee is allowed to operate the HEST process under this construction permit until its CAAPP Permit is next reissued.

Ricardo Ng

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